रजिस्ट्री सं० डी०—(डी० एन०)—73

REGISTERED NO.—D (DN)—73

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प्राधिकार से प्रकाशित

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No. 45] NEW DELHI, SATURDAY, NOVEMBER 9, 1985 (KARTIKA 18, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2

## [PART III—SECTION 2]

## पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

## [Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 9th November 1985

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Patent Office Branch,
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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
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Calcutta-700 017.

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Telegraphic address "PATENTS".

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The Patent Office,
2nd M S Office Building,
(5th, 6th & 7th Floor),
Nizam Palace,
234|4, Acharya Jagadish Bose Road,
Calcutta-700 020.

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-17

The dated shown in crescent brackets are the dates claimed under Section 135, of the Act

### The 3rd October, 1985

696/Cal/85 Brown, Boveri & Cie AG. Adapter for an electrical installation device

697/Cal/85. Beloit Corporation Method and apparatus for controlling a variable speed gearmotor

698|Cal|85 Arthur Ernest Bishop Improved means for manufacturing components of rotary valves. (4th October, 1984) Australia

699/Cal/85 Mr Sushanta Barthakur Drawing instrument with spacer attachment

### The 4th October, 1985

700/Cal/85 Autoblast Limited Abrasive throwing machine

701/Cal 85 Brajendra Narayan Majumdar Electronic Flickering road direction indicator for two wheelers (including mini motor cycle/bike, mopeds, bicycles, etc ).

702/Cal/85 Westinghouse Electric Corporation Improvements in or relating to coil winding methods and apparatus.

703/Cal/85 Westinghouse Electric Corporation Improvements in or relating to turbine blade vibration detection apparatus

704/Cal/85. Societe D'Applications Generales D'Electricite ET DE Mecanique Sagem. A device for selectively driving a linearly movable member with a reciprocal movement, more especially a perforating punch for example in a teletypewriter tape perforating machine

705/Cal/85 Trutzschler GMBH & CO KG A device for fining out foreign materials such as metallic parts or the like inside textile fibre bales.

### The 7th October, 1985

706/Cal/85 Reckitt & Colman of India Limited. An improved process for the preparation of ethyl β- methyl -β -phenyl-glycidate commonly known as 'aldehyde C-16.

707/Cal/85 Francesco Canziani. An apparatus for conveying and sorting items, having self-driven carriages

708/Cal/85 Kore Engineering GMBH Process and apparatus for producing sponge iron or pig iron

709/Cal/85 Hoechst Aktiengesellschaft Process for the preparation of water-soluble monoazo compounds [Divisional date 4th August, 1982 ]

### The 8th October 1985

710/Cal 85 The Air Preheater Company, Inc Method of baking a finned cast recuperator tube

711/Cal/85 Key Ocean Services, Inc Vessel mooring system and method for its installation

712/Cal 85 Fernandez Navarro Lorenzo Device and process for construction of buildings or other structures having distinct ductile characteristic.

## APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, 3RD FLOOR, SUN MILL COMPOUND, LOWER PARLI (WEST), BOMBAY-400 013

### The 29th August 1985

226/BOM/85 M s Aabri Security Products
Cylinder Rim Night Latch & double locking night latch

227/BOM/85 K. B. Bhatia.
A writing pad attachment for use in cars and kitchen

### The 30th August 1985

228/BOM/85. Anjali Angol
A bolt clamped ultrasonic transducer

229/BOM/85. The Bombay Oil Industries Pvt Ltd
A process for manufacturing octadecenoic acid from 12 hydroxy stearic acid

230/BOM/85 —do.
A process for manufacturing octadecenoic acid from castor oil

231/BOM/85 —do—
A process for hydrogenation of castor oil.

232/BOM/85 —do—
A process for manufacturing octadecenoic acid from castor oil

### The 2nd September 1985

233/BOM/85 John Benjamin.
Multi step stool

234/BOM/85 V. V Nagarkar.
A machine for filling liquid contents in bottles or like containers

235 BOM/85 N Pannalal
A fail-tafe device for vertical elevators.

236/BOM/85 Hindustan Lever Limited
Built detergent bars

### The 3rd September 1985

237/BOM/85 S R. Hingorany
Solar Water Heaters

238/BOM/85 M A Date & Suresh Patel.
A method for compensation for distance relay error

### The 4th September 1985

239/BOM/85. Viral Sales Corporation
A churner-mixer

### The 6th September 1985

240/BOM/85 Greaves Foseco Limited
Pouring Tubes

### The 9th September 1985

241/BOM 85 P K Kulkarni & V P Kulkarni
Electric steam generator for medical fomentation.

242/BOM/85 —do—
Adhesive medicated tape for human dental gums.

243/BOM/85. P. A Agrawal.
Improved push through and/o see hrough carded visual pack

### The 10th September 1985

244/BOM/85 A H Mistry
Apparatus and method for coating wires and the like.

245 BOM 85 Hindustan Lever Limited.
Novel device for use in modifying the phase characteristics of soap feed stock.

The 11th September 1985

246/BOM/85. V. R. Naik.
A raft module for space craft.

247/BOM/85. D. Y. Chowgule.
Water Scooter.

The 13th September 1985

248/BOM/85. Deccan Sugar Institute.
The process of production of oxalic acid from Sugarcane trash or similar agricultural waste.

The 16th September 1985

249/BOM/85. R. K. Ratnaparkhi.
Garbage disposal unit attached to the domestic kitchen sink.

250/BOM/85. Prav Electrospark Pvt. Ltd.
A circuit and an apparatus for single phase prevention.

251/BOM/85. —do—
Electrically or electronically operated burglar alarm.

The 17th September 1985

252/BOM/85. Gulzar Singh Matharu.
An improved irrigating and aspirating coaxial cannula for intra occular lens implant type cataract operation in eye.

ALTERATION OF DATE

156818. Ante dated to 7th December, 1980. (520/Del/84)

156824. Ante dated to 24th April, 1979. (985/Cal/83).

156825. Ante dated to 24th April, 1979. (986/Cal/83)

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CLASS : 127-A; 190-D. 156802.

Int. Cl. F 03 d 11/00.

IMPROVEMENT IN WIND DRIVEN MACHINE

Applicant : UNISEARCH LIMITED, OF 221-227 ANZAC PARADE, KENSINGTON, NEW SOUTH WALES, AUSTRALIA, 2203.

Inventors : 1. JOHN PATRIC BAIRD, 2. IAN WILLIAM LINNETT, 3. WILLIAM JOHN MACLEOD.

Application No. 340/Cal/82 filed March 26, 1982.

Convention dated 3rd April, 1981 (PE 8300/81) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A wind driven machine including a clutch mechanism for connecting a rotary output shaft from a wind driven member to a second shaft adapted to be rotated by said output shaft, said mechanism comprising a clutch drive portion arranged to rotate with but to be axially moveable in relation to said output shaft between a disengaged position and an engaged position in which it engages a clutch driven portion fixed to said second shaft, said drive portion being based towards said disengaged position and being moveable to said engaged position under the influence of a plurality of weights each respectively mounted on a lever pivotted to a member fixed to said output shaft and linked to said drive portion, the arrangement being such that rotation of said output shaft causes each said weight to move outwardly of said output shaft whereby to cause said lever to move said drive portion toward and into said engaged position.

Compl. Specn. 13 pages. Drgs. 3 sheets.

CLASS : 102-B. 156803.

Int. Cl. F 15 b 15/00, 21/00.

A HYDRAULIC CONTROL SYSTEM FOR ACTUATOR SUCH AS USED ON EARTH MOVING EQUIPMENT INCLUDING EXCAVATOR.

Applicant : SPERRY CORPORATION, OF 1401 CROOKS ROAD TROY, MICHIGAN 48084, U.S.A.

Inventor : 1. VINOD KUMAR NANDA.

Application No. 539/Cal/82 filed May 14, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A hydraulic control system comprising :

a hydraulic actuator having opposed openings adapted to alternatively function as inlets and outlets for moving the element of the actuator in opposite directions.

a load sensing variable displacement pump for supplying fluid to said actuator,

meter-in valve means to which the fluid from the pump is supplied,

a pair of lines extending from said meter-in valve means to said respective openings of said actuator.

said meter-in valve means being pilot controlled by alternately supplying fluid at pilot pressure to said meter in valve means for selectively controlling the flow of fluid to the lines and thereby direction of movement of the actuator,

meter-out valve means separate from and operable independently of said meter-in valve means associated with each opening of the actuator for controlling the flow out of said actuator,

said meter-out valve means being pilot operated by the pilot pressure,

and means for sensing the outlet pressure being directed to the actuator when the meter-in valve means is operated and providing a pressure proportional to outlet pressure on said meter-in valve means opposing the force of pilot pressure tending to actuate the meter in valve means

Compl Specn 12 pages Drgs 3 sheets

CLASS 131-B$_{1,2}$ 156804

Int Cl E 02 d 17|14

TOOL FOR FORMING EARTH HOLES HAVING FIXED WALLS AND METHOD THEREFOR

Applicant DNEPROPETROVSKY INZHENERNO-STROITELNY INSTITUT OF DNEPROPETROVSK, ULITSA CHERNYSHEVSKOGO, 24-a, USSR

Inventors 1 BORIS MIKHAILOVICH MAZO 2 VALENTIN IVANOVICH FEKLIN

Application No 720 Cal|82 filed July 21 1982

Appropriate office for opposition proceedings (Rule 4 Patent Rules 1972) Patent Office, Calcutta

4 Claims

A tool for forming earth holes having fixed walls comprising a leading casing provided with a cylindrical sizing portion, and frontal and rear conical tips provided with spiral tape surfaces for consolidating soil and disposed on both sides from said sizing portion, a trailing casing disposed above said leading casing in coaxial relationship with the latter and having a cylindrical portion whose diameter is greater than that of said sizing portion of said casing, corresponding to the diameter of the hole to be formed, and a frontal conical tip provided with spiral tape surfaces for consolidating soil; an axial duct for feeding a fixing material, a tubular coupling element connecting said leading and trailing casings communicating with the axial duct within said trailing casing and provided with a port for discharging the fixing material.

Compl Specn 10 pages Drgs 2 sheets

CLASS 32-B, 56-B 156805.

Int Cl C 10 g 13|22

IMPROVEMENT IN THERMAL CRACKING WITH HYDROGEN DONOR DILUENT

Applicant MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET NEW YORK, NEW YORK, 10017 UNITED STATES OF AMERICA.

Inventors 1 FRANCIS JOHN DERBYSHIRE, 2 PHILIP VARGHESE, 3 DARRELL DUAYNE WHITEHURST

Application No 1286|Cal|82 filed November 2, 1982.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

8 Claims

In a process for hydrogen donor diluent cracking of heavy hydrocarbon charge stock by mixing the charge stock with a hydrogen donor stream containing hydrogenated condensed ring aromatic compounds and reacting the mixture at thermal craking condings under hydrogen pressure, the improvement which comprises separating from the product of the hydrogen donor diluent cracking a fraction boiling above 316°C (600°F), separating a heavy aromatic portion from the fraction by extraction with a hydrocarbon naphtha containing 10 to 50 percent by weight of aromatic compounds hydrogenating the heavy aromatic portion to generate hydrogen donors from condensed ring aromatic compounds therein and recycling the hydrogenated heavy aromatic portion to provide the hydrogen donor stream

Compl Specn 13 pages Drgs 1 sheet.

CLASS 10-A. 156806

Int Cl B 01 k 3|00.

SAFETY INSTALLATION FOR PRESSURE-ELECTROLYSIS APPARATUSES

Applicant HOECHST AKTIENGESELLSCHAFT OF D 6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY

Inventors 1 DIETER BERGNER, 2 KURT HANNESEN 3 WOLFGANG MULLER, 4 WILFRIED SCHULTE, 5 PETER STEINMETZ

Application No. 1291/Cal/82 filed November 3, 1982.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

7 Claims

Safety installation for pressure electrolysis apparatus for the production of chlorine, alkali metal hydroxide solution and hydrogen from an aqueous alkali metal chloride solution this installation comprising devices for measuring, adjusting and regulating the pressure in the anode chambers and in the cathode chambers, these chambers being separated from one another by an ion-exchange membrane, characterised in that the anode chambers and cathode chambers are connected to depressurisation vessels (43, 44) via depressurising valves (41, 42), the latter being provided with a differential-pressure instrumentation and control system.

Compl Specn 12 pages Drgs 3 sheets

CLASS 50-D 156807

Int Cl F 25 d 1|00

AN IMPROVED COMBINATION FILL ASSEMBLY FOR WATER COOLING TOWERS

Applicant MARLEY COMPANY 5800 FOXRIDGE DRIVE, MISSION, KANSAS 66202, UNITED STATES OF AMERICA.

Inventors 1 JOE BEN DICKEY JR 2 IVAN FRANK KUHARICH 3. PAUL ALVIN LINDAHL JR

Application No 1284|Cal|81 filed November 18, 1981

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

7 Claims

An improved combination fill assembly for water cooling towers comprisig a high efficiency fill assembly, designed for use in crossflow water cooling towers, for receiving and dispersing quantities of descending, initially hot water, and for causing currents of crossflowing, ambient derived cooling air drawn through said fill assembly to come into cross flowing, intersecting thermal interchange relationship to said decending water said fill assembly comprising,

a film fill section having a series of spaced, opposed, face to face fill sheets which cooperatively present an upper water entrance face, an opposed, lower, water exit face, an outboard air entrance face and an opposed, inboard air exit face, said respective faces being substantially separate,

said film fill section including a plurality of separate film fill packs each having a series of said spaced opposed face-to-face fill sheets,

means mounting said packs in a progressively inwardly staggered pattern with the uppermost pack of the section being the outermost pack and the lower most pack being the innermost pack, each of said packs presenting an upper water entrance subface an opposed lower water exit subface an outboard air entrance subface an opposed inboard air exit subface the respective subfaces of each pack being substantially separate the water entrance subfaces of said packs cooperatively defining said upper water entrance face of the overall film fill section, the water exit subfaces of said packs cooperatively defining said lower water exit face of the over-

all film fill section, the air entrance subfaces of said packs cooperatively defining the outboard air entranct face of the overall film fill section, and the air exit subfaces of said packs cooperatively defining the inboard air exit face of the overall film fill section;

water distribution and airflow restricting means for dispersing water prior to entrance thereof into said film fill section through said water entrance face, and for inhibiting exit flow of air currents travelling through said section out of said upper water entrance facei and

a splash fill section located inside-by-side relationship to said film fill section and comprising a plurality of splash bars for dispersing additional quantities of said descending water, characterised in that said water distribution and air-flow restricting means comprises individual water distributing and airflow restricting eltments respectively disposed above corresponding water entrance subfaces for inhibiting exit flow of air currents travelling through the associated packs out of the upper water entrance subface thereof.

Compl. Specn. 22 pages. Drgs. 3 sheets.

CLASS : 39-N. 156808.

Int. Cl. C 01 f 7/06.

METHOD OF PREPARING ALUMINATE SOLUTION FROM SINTER CONTAINNG ALKALINE ALUMINATES.

Applicant : VSESOJUZNY NAUCHNA-ISSLEDOVATELSKY I PROEKTNY INSTITUT ALJUMINIEVOI, MAGNIEVOI I ELECTRODANOI PROMYSHLENNOSTI, LENINGRAD, SREDNY PROSPEKT, 86, USSR.

Inventors :

1. VITALY LVOVICH ARONZON,
2. KHOREN AZARAPETOVICH BADALYANTS,
3. EVGENY ANATOLIEVICH BELIKOV,
4. VENIAMIN ISAAKOVICH BERKH,
5. NINA FEDOROVNA VYRUBOVA,
6. YAKOV DAVYDOVICH GANZBURG,
7. NIKOLAI VASILIEVICH KARPENKO,
8. MIKHAIL VENIAMINOVACH LEVIN,
9. ROBERT GIRSHEVICH LOKSHIN.
10. OLGA NIKOLAEVNA TKACHENKO,
11. VLADISLAV ANDREEVICH TSIKIN,
12. VINETSY IVANOVICH CHERNOV,
13. NIKOLAI STEPANOVICH SHMORGUNENKO,
14. ANATOLY KONDRATIEVICH KRUTELEV,
15. LJUDMILA VALERIEVNA MAZHEROVSKAYA.
16. ISSAK ABRAMOVICH ZATULOVSKY,
17. VERA MIKHAILOVNA MAKHOVA,
18. VITALY VIKTOROVICH SHARYPIN,
19. VALERY ANDREEVICH PYANKOV,
20. ERIK DANILOVICH REIFMAN,
21. MIKHAIL YAKOVLEVICH FITERMAN,
22. LEOPOLD DAVIDOVICH GOLDENSHTEIN
23. VALENTIN NIKOLAEVICH AFANASIEV,
24. VALENTIN VASILIEVICH ALEXANDROV,
25. NIKOLAI VASILIEVICH DUDIN.
26. IVAN MIKHAILOVICH KOSTIN,
27. GRIGORY IVANOVICH KRASNOPOLSKY.

Application No. 146/Cal/83 filed February 8, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method of preparing aluminate solution from sinter containing alkaline aluminates, comprising sinter digesting with an alumina production recycled liquid and with a weak alkaline solution, the liquid phase of the obtained suspension being an aluminate solution, washing the solid phase of said suspension with water in a counter-flow multi-step manner, washing waters being obtained at each step, the weak alkaline solution bting obtained at the first step, and the washed mud being obtained at the last step, characterized in that the sinter is continuously fed to the digestion process in an amount directly proportional to the total flow rate of the recycled liquid and of the weak alkaline solution, the caustic soda concentration in the aluminate solution, obtained from the suspension, being kept constant within 50 to 150 kg/m$^3$, the recycled liquor fed to the digestion stage is taken in an amount directly proportional to the flow rate of the weak alkaline solution directed to the digestion process from the first rinsing step of the solid phase separated from the suspension, the alkaline module of the aluminate solution being kept constant within 1.3 to 1.9, is the weak alkaline solution fed to the digestion process is taken in an amount directly proportional to the content of caustic soda in the washed mud, said content being kept constant within 0.3 to 5.0 kg/m$^3$, the total valume of the solid phase of the suspension and of the washing water at each washing step other than the last step being kept constant by varying the amount of the washing water fed to the given step, while the total volume of the solid phase and of the washing water at the last step is kept constant by varying the amount of the water fed to the washing process, the washing water, if desired, being recycled to the digestion step, optionally in the presence of a carbonate solid solution.

Compl. Specn. 33 pages. Drgs. 3 sheets.

CLASS : 98-I. 156809.

Int. Cl. H 01 v 1/00.

NEW THERMOELECTRIC SYSTEMS AND DEVICES.

Applicant : ENERGY CONVERSION DIEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MI 48084, UNITED STATES OF AMERICA.

Inventors : 1. TUMKUR S. JAYADEV, 2. SHUN-LUNG CHAO.

Application No. 474/Cal/83 filed April 22, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

40 Claims

A thermoelectric system for generating electrical energy from a flow of fluid which has been heated to an elevated temperature, said system comprising :

at least one thermoelectric device for generating said electrical energy responsive to a temperature differential applied thereto;

first heat trasfer means including at least one heat pipe disposed within said fluid flow, said first heat transfer means extending externally from said fluid flow and being thermally coupled to said at least one thermoelectric device for transferring at least a portion of the heat of said fluid flow to said at least one device; and

second heat transfer means thermally coupled to said at least one thermoelectric device to establish with said first heat transfer means said temperature differential at said at least one thermoelectric device.

Compl. Specn. 37 pages. Drgs. 4 sheets.

CLASS : 128-G 156810

Int Cl. A 61 f 1|00

PROSTHETIC OCCLUSIVE DEVICE FOR AN INTERNAL PASSAGEWAY

Applicant NATIONAL AERONAUTICS AND SPACE ADMINISTRATION WASHINGTON D C 20546, UNITED STTES OF AMERICA

Inventor 1. JOHN BROOKS TINNEY, JR

Application No 483|Cal|83 filed April 22, 1983

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office,Calcutta

8 Claims

A prosthetic occlusive device for an internal passageway for surgical implementation in the human body for the purpose of opening and closing an internal passageway in a tubular organ and the like comprising

cuff means including a first and second isloted cuff pressure chamber,

said first cuff chamber being regulated and pressurizable for effectively occluding said passageway of said tubular organ,

said second cuff chamber being unregulated during normal operation of said device,

each said cuff chamber including a faying surface in which and passageway is receivably fitted

munication between the master cylinders and the front wheel brake actuators wherein the control valve includes first and second inlet chambers each in communication with a respective one of the master cylinders, first and second outlet cham-

a fluid containing septum means in fluid communication with said second cuff chamber adapted for subcutaneous placement so that the fluid volume of said septum means and hence said second chamber may be adjusted accordingly by means of a hypodermic needle to accommodate use on organs of different diameter sizes and to compensate for changing organ conditions without re operation

Compl Specn 11page s Drgs 2 sheets

CLASS 24 D 156811

Int. Cl B 60 t 15|36

Applicant LUCAS INDUSTRIES PUBLIC LIMITED COMPANY, GREAT KING STREET, BIRMINGHAM 19, ENGLAND

VEHICLE BRAKING SYSTEM

Inventor JOSEPH PICKENHAHN

Application No 89 Mas 82 filed May 6, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Madras Branch

7 Claims

A vehicle braking system comprising, twin separately operable master cylinders off side and near side front wheel brakee actuators and a control valve for controlling combers each in communication with a respective one of the brake actuators a first valve openable to establish communication between the first inlet chamber and the first outlet chamber and closable to interrupt this communication, a second valve operable to establish communication between the second inlet chamber and the second outlet chamber and closable to interrupt this communication and a contril member isolating the first outlet chamber from the second outlet chamber and movable in response to a pressure differential between the outlet chambers to close the valve associated with the outlet chamber having higher pressure

Compl 12 page Drwg 1 sheet of size 33.00 cms by 41.00 cms ).

CLASS 32 $f_2(k)$, $55D_2$ 156812

Int Class C 07 d 13|00.

"A PROCESS FOR THE PREPARATION OF DIOXOLANE SUBSTITUTED 2, 6 DINITROANLINES"

Applicant VELSICOL CHEMICAL CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 341 EAST OHIO STREE, CHICAGO, ILLINOIS 60611, UNITED STATES OF AMERICA

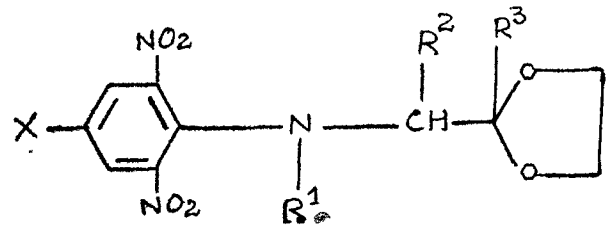
Inventor LEONARD JOSEPH STACH

Application for patent No 485|Del|81 filed on 30th July, 1981.

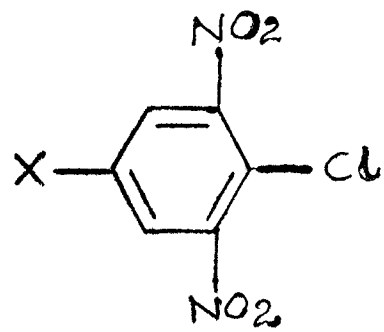
Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

(12 Claims)

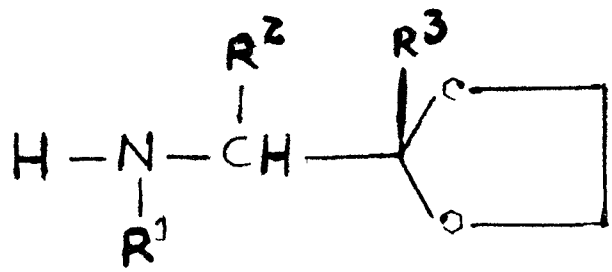
A process preparing a compound of the formula I



wherein R is alkyl R and R are independently selected from the group consisting of hydrogen and alkyl, and X is selected from the group consisting of alkyl and haloalkyl which comprises reacting a compound of the formula III



wherein X is as heretofore described, with a compound of the Formula VII



wherein R R and R are as heretofore described, in an inert organic reaction medium such as herein described and in the presence of an acid acceptor such as herein described

Compl. Specification 60 pages, Drawings 2 sheets.

CLASS : 83A, 156813

Int. Class : A22c 7|00, 18|00.

"APPARATUS FOR PRODUCING A RESTRUCTURED FOOD PRODUCT FROM SMALL PIECES OF SAID PRODUCT

Aplicant : FRYDAY CORPORATION, A CORPORATION OF THE STATE OF NORTH CAROLINA, UNITED STATES OF AMERICA, OF 301 EAST WOODLAWN ROAD, CHARLOTTE, NORTH CAROLINA, UNITED STATES OF AMERICA

Inventors : JAXON ODELL HICE & GERALD JOE WEBB.

Application for Patent No. 489|Del|81 filed on 31st July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

*14 Claims*

Apparatus for producing a restructured food product from small pieces of said product said apparatus comprising :

(a) means for comminuting said small pieces of said food product to form a paste having a fluent consistency;

(b) molding means having a mold cavity formed therein;

(c) injection means for forcing said paste into said mold cavity under a high pressure until the mold is filled with said paste

(d) operating means for maintaining said paste within said mold cavity at an elevated pressure above a predetermined level;

(e) heating means for maintaining the walls of said mold cavity at an elevated temperature and operable to rapidly and uniformly cook said paste while said meat paste remains at or exceeds said elevated pressure; and

(f) means for causing said cooked product to be removed from said mold cavity

Compl Specn 22 pages Drawing 7 sheets.

CLASS : 127C. 156814

Int. Cl. : B 65 g 35/00.

"LINK BELTS".

Applicant : SCAPA-PORRITT LIMITED, A BRITISH COMPANY OF CARTMELL ROAD, BLACKBURN, LANCASHIRE, BB2 2SZ, ENGLAND.

Inventors : JOHN BRIAN WHEELDON & PAUL FRANCIS MYERSCOUGH.

Application for patent No 548/Del/1981 filed on 26th August, 1981.

Convention date 6th September, 1980/8028861 (U K)

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(12 Claims)

A link belt structure comprising a multiplicity of helical coils of a thermoplastic material arranged in interdigitated side-by-side disposition to define a link belt, characterised by a strips of a tape-like material arranged in some at least of the respective spaces within each coil and freely existing between the opposed bights of those coils at either side thereof and arranged in interdigitated disposition therewith and the inside of the said coil

(Complete Specification 10 pages Drawing 1 sheet).

CLASS : 77F 156815

Int Class : C 12 d 13/00

"A PROCESS FOR CONVERTING BIODEGRADABLE CARBON-CONTAINING MATERIALS INTO SUBSTANCES RESEMBLING CRUDE OIL".

Applicant : CESAR ROMERO—SIERRA, A CANDIAN CITIZEN OF P.O. BOX 32 GRAHAM MANOR, BATT, ONTARIO, CANADA

Inventor : CESAR ROMERO—SIERRA.

Application for patent No. 551/Del/1981 filed on 26th August, 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

(23 Claims)

A process for converting biodegradable carbon-containing materials into substances containing at least 5% of methylene groups and resembling crude oil which comprises subjecting the biodegradable carbon-containing materials to bacterial action in a container under the following conditions :

(a) the container is maintained at a temperature suitable for the bacterial flora present to thrive;

(b) the container is sealed so that any evolved gases are retained in contact with the carbon-containing materials;

(c) the container is filled with carbon containing material including the bacterial flora to leave a minimum amount of free space in the container; and

(d) the carbon-containing material placed in the container includes at least sufficient water to maintain the bacterial flora alive.

(Compl. Specn. 20 pages. Drgs. 8 sheets).

CLASS : 26. 156816

Int. Class : A 46 b 9/04.

"AN IMPROVED TOOTH BRUSH".

Applicant : KRISHAN GOPAL CHOPRA OF M/S. CHOPRA MOTOR COMPANY, 222/24, PUNJA SHARIF, KASHMERE GATE, DELHI-110006, AN INDIAN NATIONAL.

Inventor : KRISHAN GOPAL CHOPRA.

Application for patent No 567/Del/1981 filed on 4th September 1981.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

(2 Claims)

An improved tooth brush which consists of a handle having at its upper end two flat surfaces facing each other, each flat surface having fixed thereto a number of tuft of bristles, each of the flat surface carrying the bristles making an obtuse angle with the handle and having sufficient space therebetween for accomodating the teeth during brushing such that when inserted in the mouth to clean the teeth, one set of bristles on one flat surface cleans the outer surface of the teeth and the set of bristles on the second flat surface simultaneously cleans the inside surface of the same teath.

(Compl Specn. 4 pages. Drg. 1 sheet).

CLASS : $32F_2(i)$. 156817

Int Class : C07d 57/04, 57/00.

"PROCESS FOR PREPARING FURO-(3, 4-c)-PYRIDINE DERIVATIVE.

Applicant : SOCIETE DE CONSEILS DE RECHERCHES & D'APPLICATIONS SCIENTIFIQUES, A FRENCH COMPANY OF 264, RUE DU FAUBOURG SAINT HONORE, PARIS 80MO, FRANCE.

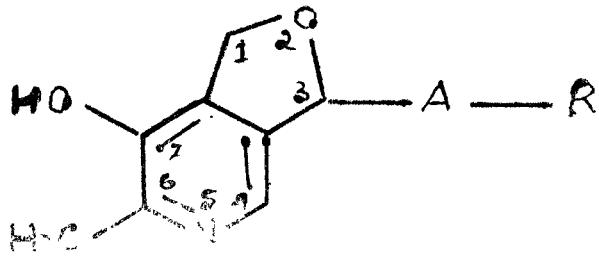
Inventors : ANDRE ESANU.

Application for Patent No. 11/DEL/82 filed on 6 Jan, 82. Convention Date Feb 10, 81 8104702/U.K.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-5.

(2 Claims)

Process for preparation of 1, 3-dihydro-6-methyl-7-hydroxy-furo-(3, 4-c)-pyridine derivatives of the general formula I




wherein A represents a group of the formula-$(CH_2)_n$-, being an integer of from 1 to 5, or a homocyclic or heterocyclic group and R represents a hydrogen, chlorine or fluorine atom, a trifluoromethyl group, an alkyl group having from 1 to 5 carbon atoms, an algoxy group having from 1 to 5 carbon atoms, a thioalkyl group having form 1 to 5 carbon atoms, a dialkylaminoalkoxy group in which the alkyl groups each have from 1 to 5 carbon atoms and the alkoxy group has from 1 to 5 carbon atoms or a N-pyrolidinyl-alkoxy group in which the alkoxy group has form 1 to 5 carbon atoms, comprising refluxing $\alpha^4$, 3-0-isopropylidene-pyridoxal with a compound of the general formula X-A-R, wherein A and R have the meanings ascribed to them above and X represents a bromine or iodine atom, in the presence of magnesium in diethyl other, and acidifying the resultant corresponding secondary alcohol $\alpha^4$, 3-0-isopropylidene-$\alpha$-hydroxy 5 substituted pyridoxine to break the isopropylidene ring and promote a 3, 4 cyclisation to the above compound of formula I.

(Complete Specification 16 pages. Drawing 1 sheet).

CLASS : 76F 145B, 116C & 127C. 156818

Int. Class : F16g 3/02, 13/08, B65g 17/38.

"METHOD FOR THE PRODUCTION OF A LINK-BELT AND A LINK-BELT PRODUCED THEREBY".

Applicant : PORRITTS & SPENCER (ASIA) LTD., OF 308-9, KANCHENJUNGA 18 BARAKHAMBA ROAD, NEW DELHI, INDIA. AN INDIAN COMPANY.

Inventor GERRIT WILLEM EGBERT LEUVELINK.

Application for patent No. 320/Del/84 dated 11th April, 1984.

Antedated to 17th December, 1980.

Division to patent application No 905/Del/80 dated 17th December 1980

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

(15 Claims)

A method for the manufacture of a link-belt from a plurality of helical coils of a synthetical thermoplastic material arranged in interdigitated disposition and connected together by respective hinge wires engaged with the interdigitated turns of adjacent coils, the thickness of the monofilament defining the coil approximating to the spacing between successive turns of the said coils, the steps of arranging adjacent coils in interdigitated disposition, threading a respective hinge wire through the interdigitated loops of each respective pair of adjacent coils, and subjecting the resultant link structure to a heat setting temperature whilst under longitudinal tension thereby to effect a deformation of the material of the coils in those regions thereof where at the hinge wires are seated to increase the cross sectional dimension of the said coils in such regions to a level in excess of the spacing (d) between adjacent turns of the said coils as measured in the axial direction of the hinge wires.

(Complete Specification 17 pages. Drawing 3 sheets).

CLASS : 127-F & G. 156819

Int. Cl. : F 16 h 37/02.

SPEED REDUCTION GEARING SYSTEM EMPLOYING REVERSIBLE WORK DONE METHOD.

Applicant & Inventor : RANENDRA NATH DAS, OF 28/D, RAKHAL GHOSE LANE, CALCUTTA-700 085 WEST BENGAL, INDIA.

Application No. 1391/Cal/82 filed November 29, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

An one stage single action or double action drive speed reduction gearing system consisting of one or more pinions end/or one or more gears for obtaining a high reduction ratio and for transmission of as many times high torque on the output end while maintaining a very little torque on the tooth of the output pinion, the reduction ratio being from 5:1 to 2000 : 1 in the single action drive and from 5 : 1 to 10,000 : 1 in the double action drive comprising :

(i) a driving unit fixed to the first motion input shaft,

(ii) a second motion shaft, an output shaft and

(iii) four pinions viz. fixed follower pinion, rotary follower pinion, driver pinion and output pinion grouped into two factors of two pinions each

(iv) the factor centaining the fixed follower pinion and the rotary follower pinion being fixed at the input end and

(v) the factor containing the driver pinion and the output pinion being fixed at the outnut end wherein

(vi) the two factors have two different D. P (Diametral Pitch) or two difftrent modules or one D P for one factor and one module for the other factor and

(vii) a correction factor for matching the centre distances of the pinions in the two factors with the centre distance between the driving unit and the second motion shaft.

Compl Specn. 13 pages Drgs. 2 sheets,

CLASS : 127-F & G. 156820

Int. Cl. : F16h 37/02.

SPEED REDUCTION GEARING SYSTEM OVER SPEED REDUCTION BEARING EMPLOYING REVERSIBLE WORK DONE METHOD.

Applicant & Inventor : RANENDRA NATH DAS, 28/D, RAKHAL GHOSH LANE, CALCUTTA-700 085.

Application No. 275/Cal/83 filed March 5, 1983.

Addition to No. 1391/Cal/82 dated 29th November, 1982. Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An one stage single action drive system consisting of two internal gears with two external gears and a hollow cam shaft for obtaining a speed reduction gearing system on a speed reduction bearing while maintaining a speed reduction in a very wide range employing reversible work done method comprising :

(i) a hollow cam shaft fixed directly with the motor spindle with dey.

(ii) four gears containing the fixed follower internal gear rotary follower external gear, driver external gear and output internal gear where in

(iii) the four gears grouped into the factors of two gears each, one factor containing the fixed follower internal gear and the rotary follower external gear and the other factor containing the driver external gear and the output internal gear.

(iv) the factor containing the fixed follower internal gear and the rotary follower external gear at input end

(v) the factor containing the driver external gear and the output internal gear at the output end and

(vi) the fixed follower internal gear to be fixed at input end.

Compl. Spten. 9 pages. Drgs. 1 sheet.

CLASS : 76-E. 156821

Int. Cl. : A44b 19/00.

SLIDE FASTENER CHAIN WITH LEG REMANENTS AT GAP AND METHOD AND APPARATUS OF MANUFACTURE.

Applicant : TALON, INC., AT 626 ARCH STREET, MEADVILLE, PENNSYLVANIA 16335, U.S.A.

Inventors : 1. HARRY M. FISHER, 2. STUART N. FISHER.

Application No. 1010/Cal/82 filed August 30, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A method of manufacturing a slide fastener chain with a gap formed therein wherein the chain includes a pair of rows of molded interlocking coupling element secured to inner edges of support tapes, each coupling element having a pair of legs with inner surfaces of each pair of legs diverging apart from heels of the legs toward a head of each coupling element, each leg being molded on a pair of spaced connecting threads is adjacent the respective heel and the second of each pair of connecting threads is spaced from the first connecting thread toward the corresponding head, the method comprising the steps of

advancing cutting means along a pair of severing planes which are parallel to the tapes and which intersect the second inter-connecting threads on opposite sides of the tapes, said advancing including engaging the cutting means with heels of the tapes and severing outer portions of the legs from remanents left attached to the first connecting threads, and

removing the severed outer leg portions and the corresponding heads from the slide fastener chain to form a gap in the chain.

Com. I. Specn. 39 pages. Drgs. 8 sheets.

CLASS : 56-D. 156822

Int. Cl. : B01d 1/14.

A PROCESS FOR EVAPORATING AND CONCENTRATING AN AQUEOUS ACID SOLUTION.

Applicant : KIMURA KAKOKI CO. LTD., OF 1-1, AZA UESHIMA, KUISE, AMAGASAKI-SHI, JAPAN.

Inventors : 1. TADAAKI TAJIRI, 2. KENSUKE YANO.

Application No. 1048/Cal/82 filed September 10, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for evaporating and concentrating an aqueous acid solution up to 60% and above as may be desired characterized by preheating an aqueous acid solution as a feed solution through heat exchange with a hot concentrated solution, leading the preheated feed solution to a vacuum degasifier provided with a heater at the upstream side and a steam ejector at the downstream side, ejected vapors from the steam ejector being used as a heat source for the heater, thereby evaporating 1.0 to 3.0% by weight of the feed solution, then leading the degasified feed solution to an evaporating unit, thereby evaporating the feed solution to a desired concentration, while leading generated water vapors to an alkali scrubber from the evaporating unit, thereby scrubbing the water vapors with an alkaline scrubbing solution substantially at the same temperature as the saturation temperature of the water vapors, and leading the water vapors to a mechanical compressor, thereby compressing the water vapors and converting the water vapors to steam and using the steam as a heat source for the evaporating unit.

Compl. Specn. 13 pages. Drgs. 1 sheet.

CLASS : 27-E. *156823*

Int. Cl. : D04h 3/00; E04f 15/10.

A FLOOR COVERING.

Applicant : FORBO KROMMENIE B. V., OF PADLAAN 31, KROMMENIE, NETHERLANDS.

Inventors : 1. NICOLAAS VERHOEF, 2. FRANS DE KOK, 3. OTTO WOUTER KROMMENHOEK.

Application No. 1057/Cal/82 filed September 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A floor covering consisting of sheet material comprising a fabric substrate with threads in the longitudinal and transversal direction respectively of said sheet, and an upper layer of an elastomeric and wear-proof material adhered to said substrate, characterised in that the said transversal threads of said fabric are made of a material of the type herein described having a larger elasticity modules compared to the longitudinal threads and the said longitudinal threads are made of a material of the type hereindescribed having smaller elasticity modules than the transversal threads and sufficient tensile strength to withstand the longitudinal forces occurring during manufacture.

Compl. Specn. 8 pages. Drgs. 1 sheet

CLASS : 187-C$_4$. 156824.

Int. Cl. : H04q 3/00.

DISTRIBUTED CONTROL DIGITAL SWITCHING SYSTEM.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 10022, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : 1. ALAN JAMES LAWRENCE, 2. JOHN MICHAEL COTTON, 3. KENNETH JAMES HAMER-HODGES, 4. JEFFREY NEIL DENENBERG.

Application No. 985/Cal/83 filed August 8, 1983.

Division of Application No. 413/Cal/79 dated 24th April, 1979

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A distributed control digital communication system including a number of terminal units for interfacing a number of PCM communication terminals each associated with one of a number of subscriber's lines to one or more common communication paths, wherein :

(a) each of said PCM terminals is adapted to convey digitized speech in frames with each said frame containing a number of channels usable for the conveyance of said digitized speech;

(b) means is provided whereby in-channel path selection control signals derived by respective ones of a group of processors each of which provides processing functions for a group of said PCM terminals are multiplexed with the digitized speech so that the same physical paths are used to convey digitized speech and said in-channel path selection control signals;

(c) a digital switching network is coupled to a number of paths such as said common communication paths for bit asynchronously interconnecting the PCM terminals through paths set up through the switching network in response to said path selection control signals; and

(d) means is provided at each of said terminal units for selectively multiplexing said digitized speech and said in-channel path selection control signals on the appropriate one of the common communication paths such that the path selection control signals precede the digitized speech in channels designated by said path selection control signals on the said common communication path.

Compl. Specn. 31 pages. Drgs. 11 sheets.

CLASS : 187-C$_4$. 156825.

Int. Cl. : H04q 3/00.

COMMUNICATION SWITCHING SYSTEM.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 10022, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : 1. ALAN JAMES LAWRENCE, 2. JOHN MICHAEL COTTON, 3. KENNETH JAMES HAMER-HODGES, 4. JEFFREY NEIL DENENBERG.

Application No. 986/Cal/83 filed August 8, 1983.

Division of Application No. 413/Cal/79 dated 24th April 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A communication switching system with transmission paths and switching elements for selectively establishing connections between terminals (subscriber lines and/or trunks), and with distributed processors for performing control functions, wherein :

(a) the communication switching system is divided into a degree-of-expansion-dependent switching network and one or more terminal units each forming a degree-of-expansion-independent part of the communication system for a plurality of terminals or for groups of terminals;

(b) the processors are separated from the switching network and are permanently associated with the terminal units;

(c) the processors are connectible to the transmission paths of the terminal units associated therewith;

(d) the transmission paths, in addition to serving for the transmission of messages, are used to transmit control information between the processors; and

(e) the processors of each terminal unit are connectible via the transmission paths to all switching elements within the terminal units and in the switching network, and control these switching elements.

Compl. Specn. 30 pages. Drgs. 11 sheets.

CLASS : 88-F. 156826

Int. Cl. : F25j 3/08.

PROCESS FOR THE REMOVAL OF $CO_2$, $H_2S$ AND COS FROM GASEOUS STREAMS.

Applicant : SHELL INTERNATIONALE RESEARCH NAATSCHAPPIJ B. V., OF CAREL VAN BYLANDT-LAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : 1. GEORGE CONSTANTIN BLYTAS, 2. ZAIDA DIAZ.

Application No. 528/Cal/82 filed May 11, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A process for the removal of $H_2S$, $CO_2$ and COS from a sour gaseous stream containing $H_2S$, $CO_2$ and COS, which process is characterised in that it comprises the following steps :

(a) contacting the sour gaseous stream with a lean $CO_2$- and COS-selective absorbent mixture containing a reactant comprising one or more ions of a polyvalent mttal and/or one or more chelate compounds of a polyvalent metal;

(b) separating a sweet gaseous stream from an absorbent admixture containing absorbed $CO_2$, absorbed COS, solid sulphur and a reduced reactant;

(c) stripping tht absorbent admixture separated in step (6) with formation of a gaseous stream comprising $CO_2$ and COS and a stripped absorbent admixture containing solid sulphur and a reduced reactant;

(d) contacting the gaseous stream separated in step (c) and comprising $CO_2$ and COS in the presence of water with a catalyst causing hydrolysis of COS and separating a $CO_2$- and $H_2S$-containing gaseous stream from the catalyst, and

(e) removing $H_2S$ from the gaseous stream separated in step (d);

(f) regenerating the absorbent admixture stripped in step (c) by contacting this admixture with an oxygen-containing gas, and

(g) removing sulphur from the stripped absorbent admixture at any time before or after carrying out the regeneration step (f).

Compl Sepcn. 25 pages. Drgs. 4 sheets.

CLASS : 172-$C_4$ 156827

Int. Cl. : D 01 h 5/32.

AN AUTOMATIC SILVER GRIST CONTROLLER.

Applicant : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, 17, TARATOLA ROAD, CALCUTTA-700 088, WEST BENGAL, INDIA.

Inventors : 1. RANJAN KUMAR MUKHERJEE, 2. UTFULLA MUKHOPADHYAY.

Application No. 754/Cal/82 filed June 26, 1982.

Complete Specification left on 22nd June, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An automatic silver grist controller for maintaining the output silver grist at a constant weight per unit length at the Finisher card and the drawing stages comprising in combination a sensing head, an Electronic processor, a controller, a D.C. Motor and a speed synchroniser wherein the sensing Head is a synchroniser placed at the top of one of the delivery rollers of a dèawhead attached with the Finisher card and the D.C. Motor is adapted to be attached to the other delivtry roller of the said Finisher card, the speed of the D.C. Motor being controlled by the Processor and the controller depending on the thickness of the grist.

Prov. Specn. 8 pages. Prov. Drgs. 3 sheets.

Compl. specn. 14 pages. Comp. Drgs. 3 sheets.

CLASS : 64-$B_1$ 156828

Int. Cl. : H 01 r 9/00, 43/00.

METHOD OF AND PRESSING TOOL FOR MAKING PRESS FIT CONTACTS.

Applicant : BUNKER RAMO CORPORATION OF COLUMBIA ROAD, AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : 1. ALOIS RUPPERT RESCH.

Application No. 964/Cal/82 filed August 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A method of making press-fit contacts by mounting elongated connectors 10 on a sheet element 8, wherein the elongated connectors 10 are provided with a connector body 11 and contact elements 5 having contact sections 12 adapted to be inserted into said connectors 10 onto said sheet element 8 having openings 7 adapted to receive said contact elements: characterized in pressing the contact elements 5 into said openings 7 of the sheet element 8 and into openings 90 of the connector body 11 adapted to receive said contact sections 12; said connector body being arranged below said sheet element 8.

Compl. Specn. 17 pages. Drg 5 sheets.

CLASS : 47-B 156829

Int. Cl. : C 10 j 3/20.

A GOBAR GAS GENERATING PLANT.

Applicant & Inventor : ABIR KUMAR SARKAR, OF FLAT NO. 28, 15, SARAT CHATTERJEE AVENUE, CALCUTTA-700 029, WEST BENGAL, INDIA.

Application No. 984/Cal/82 filed August 25, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A gobar gas generating plant comprising a plurality of prefabricated pipes placed within a pit formed in the earth and extending the height of the said pit to form a chamber, an inlet pipe connected to the bottom of the said chamber from a first pot provided above the ground level, said pit after installation of the inlet pipe being filled and compacted with sand, providing at least a further prefabricated pipe above the ground level and connected with the said plurality of prefabricated pipes placed within the pit, a floating dome provided with the said prefabricated pipe above the ground level for collecting the gas generated therein, an outlet pipe connected with the said prefabricated pipe provided above the ground level communicating with a second pot and an outlet pipe provided with the said dome for the flow of the gas generated.

Compl. specn. 8 pages. Drg. 1 sheet.

CLASS : 140-$B_3$ 156830

Int. Cl. : C 10 m 11/00.

A PROCESS FOR THE PRODUCTION OF AN ESSENTIALLY ASH-FREE OIL STOCK FROM LUBRICATING OIL CONTAINING ASH FORMING COMPONENTS.

Applicant : PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventors : 1. MARVIN MERRILL JOHNSON, 2. GERHARD PAUL NOWACK.

Application No. 1208/Cal/82 filed October 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for the production of an essentially ash-free oil stock from lubricating oil containing ash-forming components wherein the lubricating oil is contacted with an aqueous solution of a treating agent which reacts with the ash-forming components to form solids which can be separated from said oil, the major portion of the water is removed from said oil-water mixture, the solids are removed from the oil and at least a portion of the oil is subjected to hydrotreatment to lighten the color of the oil, which comprises carrying out said hydrotreatment in two stages with interstage flashing to remove hydrogen sulfide and ammonia present in the effluent from the first stage before said effluent is passed to the second stage.

Compl. specn. 15 pages. Drg. 2 sheets

CLASS : 98-I 156831

Int. Cl. : F 03 b 13/00; F 26 b 3/28.

SOLAR POWER PLANT.

Applicants & Inventors :

(1) VIKTOR VOSKANOVICH AFIAN, OF EREVAN, ULITSA SEVAKA, 2, KV. 13, USSR;

(2) BABAMURAD ATAMURADOVICH BAZAROV OF ASHKHABAD ULITSA ATABAEVA, 36, KV. 12, USSR;

(3) VLADIMIR KUZMICH BARANOV, OF LENINGRAD ULITSA KRASNOPUTILOVSKAYA, 35, KV. 45, USSR;

(4) MARINA VALENTINOVNA BROSLAVSKAYA, OF BUDAPESHTSKAYA ULITSA, 50, KV. 253, MOSCOW, USSR;

(5) ALBERT VARTANOVICH VARTANIAN, OF EREVAN, ULITSA AIGESTAN, 2, KV. 57, USSR;

(6) OLGA VASILIEVNA BUNATIAN, OF OBLAST, STANTSIA MONINO, ULITSA MASLOVA, 6, KV. 49, MOSKOVSKAYA, USSR;

(7) JURY KARPOVICH KIDYASHEV, OF ULITSA, BAZHOVA, 15, KORPUS 1, KV. 195, MOSCOW, USSR;

(8) NIKOLAI STEPANOVICH LIDORENKO, OF ULTISA KIBALCHICHA 2, KV. 217, MOSCOW, USSR;

(9) STANISLAV VASILIEVICH RYABIKOV, OF PERELOK VASNETSOVA, 12, KV. 64, MOSCOW, USSR;

(10) DMITRY SEMENOVICH STREBKOV, OF KIROVOGRADSKY PROSPEKT 3, KV. 17, MOSCOW USSR;

(11) VALERY NIKOLAEVICH POTAPOV, OF TIMIRYAZEVSKAYA ULITSA, 13, KV. 213, MOSCOW, USSR;

(12) EDUARD VLADIMIROVICH TVERYANOVICH, OF M. KOLKHOZNAYA PLOSCHAD, 1, KV. 90, MOSCOW, USSR;

(13) VALENTIN MIKHAILOVICH TRIFONOV, OF SAYANSKAYA ULITSA, 3, KORPUS 1, KV. 257, MOSCOW, USSR;

(14) SERGEI SEMENOVICH SJULAEV, OF ULITSA KOMINTERNA, 2, KORPUS 2, KV. 62, MOSCOW, USSR;

(15) STANISLAV NIKOLAEVICH TRUSHEVSKY, OF ULITSA BAZHOVA, 15, KORPUS 1, KV. 55, USSR.

Application No. 1247/Cal/82 filed October 21, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A solar power plant wherein a field of orientable helistats is capable of reflecting at least part of the solar radiation on at least part of the light guides whose exit areas accommodate radiation receivers which are situated on at least a portion of a truss-tower, the light guides are arranged at an angle of 5 to 90° to one another and have an aperture angle of 5 to 45°, while the angles between the normals to the conjoint helistats are smaller than or equal to the aperture angles of the light guides situated over at least part of the length of the truss-tower.

Compl. Specn. 20 pages. **Drg. 2 sheets.**

## OPPOSITION PROCEEDINGS

(1)

The opposition entered by J. K. Batteries, Orissa to the grant of a patent on application No. 149733 made by Lakhanpal National Limited, Baroda as notified in the Gazette of India, Part-III, Section 2 dated the 23rd October, 1982 has been treated as abandoned and ordered that the application for patent be sealed.

(2)

An opposition has been entered by M/s.. Godrej Soaps Ltd., Bombay to the grant of a patent on application No. 155711 made by M/s. Tata Oil Co. Ltd., Bombay.

(3)

An opposition has been entered by Council of Scientific & Industrial Research, to grant of a patent on application No. 155889 dated 20th April 1981 made by Sh. Hari Dutta Gupta.

## CORRECTION OF CLERICAL ERRORS

(1)

Under Section 78(1) of the Patents Act, 1970 certain clerical errors occuring in the drawings in respect of Patent No. 155366 was corrected on 18th September, 1985.

(2)

Under Section 78(1) of the Patents Act, 1970 certain clerical errors occuring in the specification of Patent application No. 156310 were corrected on 16th September 1985.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta and its branches at Bombay, Madras and New Delhi at two rupees per copy :—

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## AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Schubert & Salzer Maschinenfabrik Aktiengesellschaft, a German Company of Friedrich-Ebert-Strasse 84, 8070, Ingolstadt, Germany have made an application under Section 57 of the Patents Act, 1970 for amendment of drawings of their Patent application No. 156238 for "Method and device for winding a newly joined thread on to a tube newly inserted into a winding device". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Petrocarbon Developments Limited, a British Company of Petrocarbon House, Sharston Road, Manchester M22 4TB, United Kingdom have made an application under Section 57 of the Patents Act, 1970 for amendment of application, specification and drawings of their patent No. 153160 for "process for the recovery of argon". The amendments are by way of disclaimer, correction or explanation. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that UNILEVER PLC., a British Company of Unilever House, Blackfriars, London EC4P 48Q, Great Britain have made an application under Section 57 of the Patents Act, 1970 for amendment of Specification of their Patent No. 155108 for "A mouthwash Composition". The amendments are by way of disclaimer, explanation and correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notict.

## RENEWAL FEES PAID

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## REGISTRATION OF DESIGNS

The following designs have been registered They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry

Class 1 No 155482 Oriental Refill & Components Pvt Ltd., of Room No 15 8th Floor, 8-Camac Street, Calcutta-700 017, State of West Bengal, India, an Indian Company. "Nozzle". 12th March, 1985.

Class 1 No 155582 Suresh Sawarmal Todi, an Indian National trading as Todi Metal Udyog Kendra, 35, Saki-Vihar Road, Bombay-400 072, Maharashtra, India "Spoon". 16th April, 1985

Class 1. No 155483 Stylex (India) Private Limited, of Room No. 15, 8th Floor, 8-Camac Street, Calcutta-700 017, State of West Bengal, India, an Indian Company. "Nozzle". 12th March, 1985.

Class 1 No 155460 Food Specialities Limited, of M-5A, Connaught Circus, New Delhi-110001, India, an Indian Company registered under the Companies Act, 1956 "Pump For Liquids". 6th March, 1985.

Class 1 No 155717 Saraswati Stove Products, 1st & 4th Road Corner, Khar (West), near Bank of Baroda, Bombay 400052, Maharashtra, an Indian Partnership Firm Stove". 29th May, 1985

Class 3. No 155459 Food Specialities Limited, of M 5A, Connaught Circus, New Delhi-110001, India, an Indian Company registered under the Companies Act, 1956. "Pump For Liquids". 6th March, 1985.

Class 3 No 155668 Pearl Polymers Pvt Ltd., 704, Rohit House, 3 Tolstoy Marg, New Delhi-110001, India, an Indian Company registered under the provisions of Indian Companies Act, 1982 'Bottle' 14th May, 1985

Class 3 No 156001 1 Harvinder Singh, and 2 Smt Surinder Kaur, both Indians trading as Galaxy products, a Registered Indian Partnership Firm of 65, Canning Street, Calcutta-1, West Bengal, India, "Container". 30th August 1985

Class 3 No 155734 Eagle Flask Private Limited under the Indian Companies Act, at Eagle Estate Talegaon-410 507, District Pune State of Maharashtra India. "Vacuum Flask Refill". 30th May, 1985.

Class 3 No 155736 Eagle Flask Private Limited under the Indian Companies Act, at Eagle Estate Talegaon-410 507 District Pune, State of Maharashtra India "Vacuum Flask Refill 30th May 1985

Class 4 No 155458 Food Specialities Limited, of M-5A Connaught Circus New Delhi-110001, India, an Indian Company registered under the Companies Act 1956 "Pump For Liquids" 6th March, 1985.

Class 12 No 155457 Food Specialities Limited of M-5A Connaught Circus, New Delhi-110001 India an Indian Company registered under the companies Act 1956 "Pump For Liquids" 6th March 1985

Extn *of Copyright for the Second period of five years*
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Extn *of Copyright for the Third period of five years*

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Ahmedabad Manufacturing and Calico Printing Company Limited, The.—45/Bom/85.

Air Products and Chemicals, Inc—129/Mas/85 155/Mas/85.

Alkaloida Vegyeszeti Gyar.—153/Mas/85.

Allied Corporation of Columbia Road and Park Avenue.—102/Mas/85.

American Cyanamid Company.—78/Cal/85.

Anand, D. R.—30/Bom/85.

Antony, A.—152/Mas/85.

Asahi Kasei Kogyo Kabushiki Kaisha.—125/Cal/85.

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Berkman, A.—138/Cal/85.

Bhabha Atomic Research Centre.—46/Bom/85, 47/Bom/85, 48/Bom/85 and 49/Bom/85.

Bhartia Electric Steel Comany Limited.—150/Cal/85.

Biuro Studiow i Projektow Energetycznych Energoprojekt.—146/Cal/85.

Boliden Aktiebolag.—150/Del/85.

Bollmann, J.-J. (Jean-Jacques).—80/Cal/85.

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—C—

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Castolin S.A.—163/Mas/85.

Chaugule, P. J.—54/Bom/85.

Chartered Industries of Singapore Pvt. Ltd—109/Del/85.

Chief Controller Research & Development Ministry of Defence, The.—92/Del/85.

Chowdhury, A. (Mrs.).—38/Bom/85.

Coburn Optical Industries, Inc.—76/Cal/85.

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—F—

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—G—

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Jaysynth Dyechem Pvt. Ltd.—50/Bom/85.

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—K—

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—L—

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—M—

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N.V. Optische Industrie "De Oude Delft".—79 Cal/85.

Nabisco Brand, Inc.—70/Cal/85.

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—Z—

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